SMD Parts Digital Counter

DIGITAL

"Instruction Manual for Mega-X Counter"

High Speed Counter

3 Year Warranty

HEEBKO

www.NamaSMT.com

SMD Assembly Equipments Company

Dear user,
This operating manual has been written for the authorized user. Please read this manual carefully before starting work with the machine. This manual contains important information on how to operate your parts counter properly and safely. Now we hope you enjoy familiarizing yourself with your parts counter.

1. Scope of Delivery

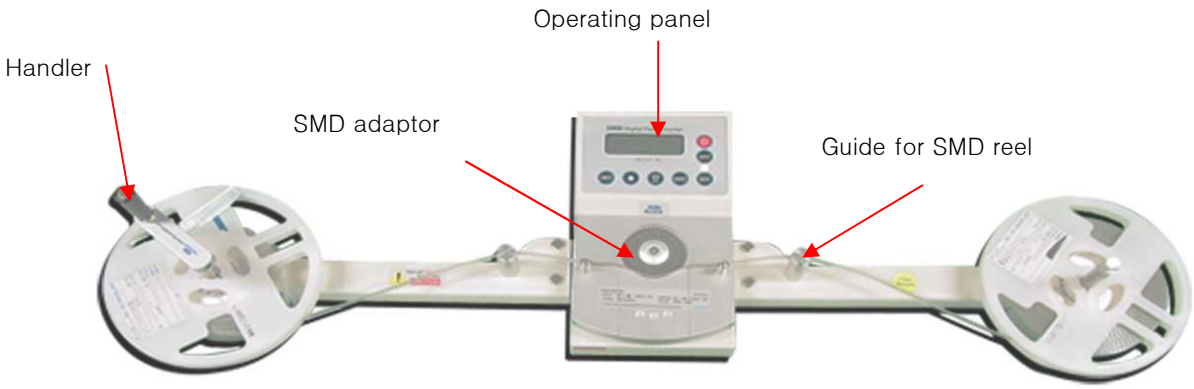
- Main unit of Mega-X Counter
- Crank Handle (Handle for counting, both side available)
- DC 6V Adaptor
- Hexagonal wrench
- User Manual
- Label Printer : option (Label 1,000pcs offered)

1) If you find any complaint regarding our service or our product, please let us know within 3 days from delivered date. We shall be glad to make a full investigation and take a measure immediately.
2) The power supply is AC 220V or 100V and free voltage available in “Switching power”

2. Assembling

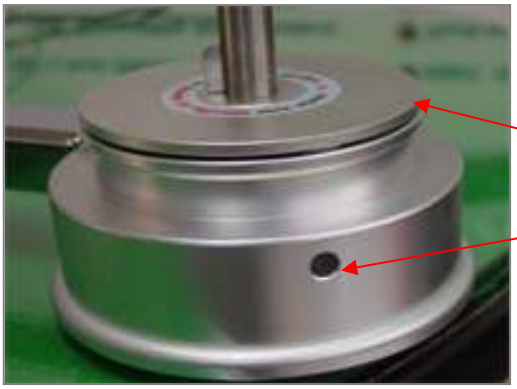
To assembly the Mega-X counter is very simple and easy.
- There is DC 6V and Serial port in the rear. Please connect the DC adapter to the AC 220V outlet and DC 6V inlet. The Serial port is for using a label printer(option)
- Put a Handle on the Reel shaft

Description of front view



Description of rear view

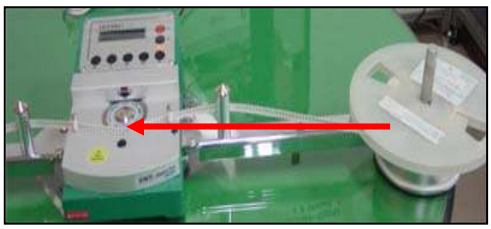
The reel part

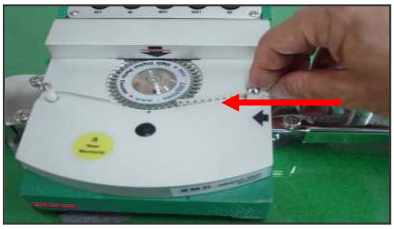


① You may regulate the intensity of rotation.
② Loosen the screw with a hexagonal wrench.

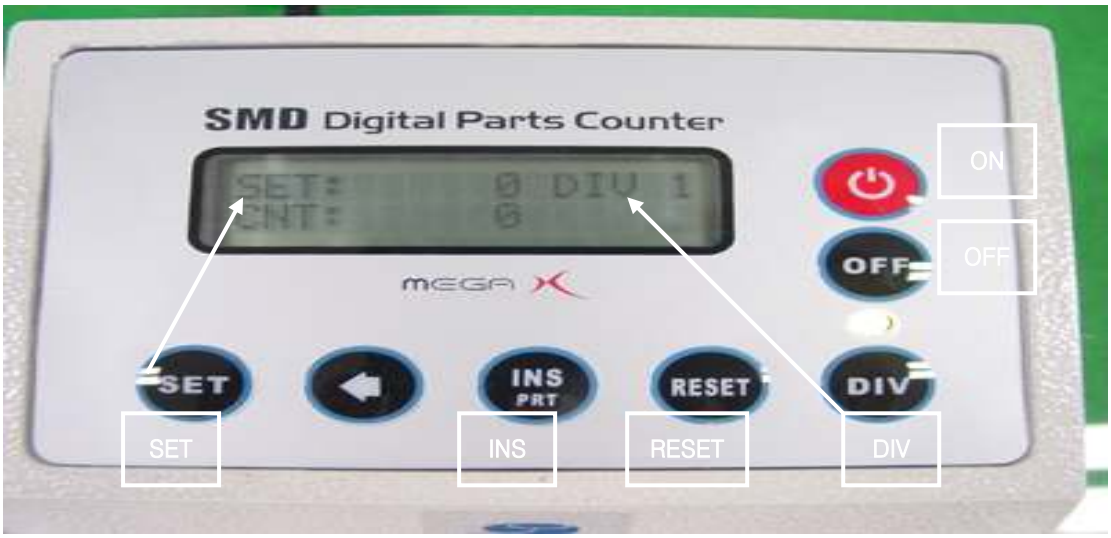
3. Operating

1) The SMD adapter is in the center of the counter.
2) SMD Reel should be set on the right side. Put an empty reel on the left side.
   Pull out the tape to the left through the adapter and SMD guide.
3) Push the button “Reset” in the beginning of the component.
   * If you want to preset the number of component, please use “SET” button. (See the page 4)
4) Rotate the handle and then the number counted is on the LCD.
   When counting to a preset number of components, an alarm will sound when you reach that number.





4. Description of Control buttons



There are 7 buttons on the LCD panel.

1) ON: Switch On. The power is turned off as the counter is not used for more than 10 min.
2) OFF: Switch Off

3) SET: This presets the number of components. A cursor flashed at a figure on the LCD.
As you finish presetting the number, press 'SET' again lastly.
[example] Let's suppose you preset 1,500pcs with a SMD reel tape.
You will set '5' first and '1' to left one by one.
Push the key "SET" -> Push ← 3 times -> Push "INS" 5 times ->
Push ← once -> Push "INS" once -> Push "SET".

4) ← **:** To move the cursor to left or right.

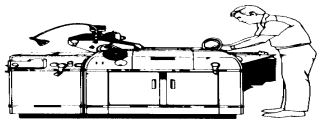
5) INS: To increase the number 0 ~9 repeatedly.

6) DIV : To adjust the number of holes of SMD.
The SMD component or IC pitch are usually different and so you may set the number of holes per component with "DIV" from '1' to '8'.
[example] ① Push the key "DIV" : the number is increased.
② Push the key ← : convert '+' or '-'
③ "-2" means that a component is every two holes. DIV should be "–2"
④ As you count very small components like 1005 or 0603 type, every hole has two components. Thus you need to set DIV "+2".

7) RESET : To initialize all figures. This key is sometimes used with other Key.
Ex) "RESET" + "INS" => Clock setting for printing

5. Technical Data

Component	For only SMD Tape (0201, 1005 ~56mm)
Speed	Max. 10,000pcs/sec (by Sensor)
Operating direction	From Right to Left
Automatic switch off	In approx. 10min. without using
Power supply	Free voltage (110 ~ 220V)
Dimension	800 x 230 x 130mm
Weight	6kg
Accessory	Handle



6. Cautions and maintenance of the Parts Counter

1) This Parts Counter is made of "INDOOR" product.
2) If the counter is not used for a long time, please keep the machine in a cool and dry place.
3) The 6V Adapter is for only this parts counter unit.
4) The Printer port is Serial port and only Rx or Tx data are transferred.
Label Printer is an option and exclusive printer for this Parts Counter
5) Please pay attention of any kinds of liquid not soaked into the LCD. The counter will not work.
6) The Parts counter is 3year warranty except LCD.

※ Please do not hesitate to contact the supplier for more information. Thank you.

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Internet: www.NamaSMT.com
Small & Medium SMD Assembly Equipments